## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref# | Hits | Search Query   | DBs                        | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|----------------------------|---------------------|---------|---------------------|
| L1   | 32   | ("20040118406"   "20050241644"   "20070101997"   "20080149104"   "20080289633"   "20090178679"   "4665570"   "4671267"   "4755040"   "4782832"   "5181505"   "5181506"   "5222478"   "5429683"   "5587244"   "5647357"   "5715814"   "5884624"   "6019101"   "6082360"   "6098205"   "6152137"   "6397847"   "6532961"   "6615832"   "6631718"   "6914091"   "7076822"   "7093599"   "7210481"   "7219669"   "7318437"). PN. | US-PGPUB;<br>USPAT; USOCR  | ADJ                 | 00      | 2010/05/20<br>09:31 |
| L2   | 3    | ("2007025329").PN.   | EPO;<br>DERWENT            | OR                  | OFF     | 2010/05/20<br>09:31 |
| L3   | 3    | ("2009062265").PN.   | EPO;<br>DERWENT            | OR                  | OFF     | 2010/05/20<br>09:31 |
| L4   | 2    | ("2009143586").PN.   | EPO;<br>DERWENT            | OR                  | OFF     | 2010/05/20<br>09:32 |
| L5   | 1    | ("9848878").PN.  | EPO;<br>DERWENT            | OR                  | OFF     | 2010/05/20<br>09:33 |
| S2   | 40   | ((BERND) near2 (LANG)).<br>INV.  | US-PGPUB;<br>USPAT; USOCR  | ADJ                 | ON      | 2009/03/18<br>12:38 |
| S3   | 59   | ((BERND) near2 (LANG)).<br>INV.  | EPO; JPO;<br>DERWENT       | ADJ                 | ON      | 2009/03/18<br>12:38 |
| S4   | 30   | ((ACHIM) near2<br>(BIENER)).INV.   | US-PGPUB;<br>USPAT; USOCR  | ADJ                 | ON      | 2009/03/18<br>12:38 |
| S5   | 28   | ((ACHIM) near2<br>(BIENER)).INV.   | EPO; JPO;<br>DERWENT       | ADJ                 | ON      | 2009/03/18<br>12:39 |
| S6   | 9    | ((MARTIN) near2<br>(BECHTEL)).INV.   | US-PGPUB;<br>USPAT; USOCR  | ADJ                 | ON      | 2009/03/18<br>12:39 |
| S7   | 15   | ((MARTIN) near2<br>(BECHTEL)).INV.   | EPO; JPO;<br>DERWENT       | ADJ                 | ON      | 2009/03/18<br>12:39 |
| S9   | 3    | MAP MEDIZIN-<br>TECHNOLOGIE GMBH.as.   | FPRS; EPO;<br>JPO; DERWENT | ADJ                 | ON      | 2009/03/18<br>12:40 |

| S10 | 8   | ("1099452").PN.  | EPO; JPO;<br>DERWENT                          | OR  | OFF | 2009/03/18<br>12:52 |
|-----|-----|--|---|-----|-----|---------------------|
| S11 | 36  | MAP MEDIZIN-<br>TECHNOLOGIE GMBH.as.   | US-PGPUB;<br>USPAT; USOCR                     | ADJ | ON  | 2009/07/27<br>08:45 |
| S12 | 630 | (128/206.24).CCLS.   | US-PGPUB;<br>USPAT; USOCR                     | OR  | OFF | 2009/07/27<br>08:48 |
| S13 | 6   | S12 and (shore hardness)   | US-PGPUB;<br>USPAT; USOCR                     | ADJ | ON  | 2009/07/27<br>08:48 |
| S14 | 566 | (128/206.21).CCLS.   | US-PGPUB;<br>USPAT; USOCR                     | OR  | OFF | 2009/07/27<br>09:32 |
| S15 | 408 | S14 not S12  | US-PGPUB;<br>USPAT; USOCR                     | ADJ | ON  | 2009/07/27<br>09:32 |
| S16 | 3   | S14 and (shore hardness)   | US-PGPUB;<br>USPAT; USOCR                     | ADJ | ON  | 2009/07/27<br>10:00 |
| S17 | 30  | (S12 or S14) and (shore with hardness)   | US-PGPUB;<br>USPAT; USOCR                     | ADJ | ON  | 2009/07/27<br>10:01 |
| S18 | 27  | S17 not S16  | US-PGPUB;<br>USPAT; USOCR                     | ADJ | ON  | 2009/07/27<br>10:01 |
| S19 | 23  | S18 not S13  | US-PGPUB;<br>USPAT; USOCR                     | ADJ | ON  | 2009/07/27<br>10:01 |
| S20 | 110 | (US-20080072908-\$ or US-20070157934-\$ or US-20060260614-\$ or US-20050211252-\$ or US-20040255949-\$ or US-20040045550-\$ or US-20040045550-\$ or US-20060191538-\$ or US-20060191538-\$ or US-20070261697-\$ or US-20070261697-\$ or US-20070261697-\$ or US-20060201515-\$ or US-2005001521-\$ or US-2005001521-\$ or US-20040045551-\$ or US-20040045551-\$ or US-20030172932-\$ or US-200300174868-\$ or US-20030019496-\$ or US-20020104540-\$ or US-20020104540-\$ or US-20020104540-\$ or US-2002010479-\$ or US-2002010479-\$ or US-2002010479-\$ or US-2002010479-\$ or US-2002010479-\$ or US-2002010479-\$ or US-20020043265-\$ or US-200200432 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>DERWENT |     |     | 2009/07/27          |

| 20020005200-\$ or US-      |          |      |   |
|----------------------------|----------|------|---|
| 20020005198-\$ or US-      |          |      |   |
| 20090114231-\$ or US-      |          |      |   |
| 20050139219-\$ or US-      |          |      |   |
| 20040112384-\$ or US-      |          |      |   |
| 20040099272-\$ or US-      |          |      |   |
| 20040065328-\$ or US-      |          |      |   |
| 20030116160-\$ or US-      |          |      |   |
| 20030034034-\$ or US-      |          |      |   |
| 20020134388-\$ or US-      |          |      |   |
| 20090032025-\$ or US-      |          |      |   |
| 20070119459-\$ or US-      |          |      |   |
| 20030084902-\$).did. or    |          |      |   |
| (US-D572816-\$ or US-      |          |      |   |
| 7320323-\$ or US-7216647-  |          |      |   |
| \$ or US-7100610-\$ or US- |          |      |   |
| 7000614-\$ or US-6712072-  |          |      |   |
| \$ or US-7054680-\$ or US- |          |      |   |
| 7523754-\$ or US-7243651-  |          |      |   |
| \$ or US-7207334-\$ or US- |          |      |   |
| 7086400-\$ or US-7069933-  |          |      |   |
| \$ or US-7021311-\$ or US- |          |      |   |
| 7007696-\$ or US-6895965-  |          |      |   |
| \$ or US-6886564-\$ or US- |          |      |   |
| 6871649-\$ or US-6851429-  |          |      |   |
| \$ or US-6796308-\$ or US- |          |      |   |
| 6758212-\$ or US-6701927-  |          |      |   |
| \$ or US-6679260-\$ or US- |          |      |   |
| 6651661-\$ or US-6634358-  |          |      |   |
| \$ or US-6513526-\$ or US- |          |      |   |
| 6494206-\$).did. or (US-   |          |      |   |
| 6427694-\$ or US-6397847-  |          |      |   |
| \$ or US-6098205-\$ or US- |          |      |   |
| 6035852-\$ or US-5996581-  |          |      |   |
| \$ or US-5909732-\$ or US- |          |      |   |
| 5884624-\$ or US-5794617-  |          |      |   |
| \$ or US-5738094-\$ or US- |          |      |   |
| 5662101-\$ or US-5649532-  |          |      |   |
| \$ or US-5647357-\$ or US- |          |      |   |
| 5617849-\$ or US-5560354-  |          |      |   |
| \$ or US-5454369-\$ or US- |          |      |   |
| 5429683-\$ or US-5003633-  |          |      |   |
| \$ or US-4951664-\$ or US- |          |      |   |
| 4875477-\$ or US-4764990-  |          |      |   |
| \$ or US-4454881-\$ or US- |          |      |   |
| 4319567-\$ or US-4296746-  |          |      |   |
| \$ or US-4222378-\$ or US- |          |      |   |
| 4069516-\$ or US-7174893-  |          |      |   |
| \$ or US-6817362-\$).did.  |          |      |   |
| or (US-6691707-\$ or US-   |          |      |   |
| 6588424-\$ or US-6581601-  |          |      |   |
| \$ or US-6532961-\$ or US- |          |      |   |
| 6467483-\$ or US-4653124-  |          |      |   |
| \$ or US-7007690-\$).did.  |          |      |   |
| or (US-3545436-\$ or US-   |          |      |   |
| :\$                        | <b>!</b> | : \$ | : |

|     |     | 3521630-\$ or US-2465973-<br>\$ or US-1925764-\$).did.<br>or (EP-1099452-\$).did. or<br>(EP-1099452-\$).did. |                                     |     |    |                     |
|-----|-----|--|-------------------------------------|-----|----|---------------------|
| S21 | 2   | S20 and (crosslink\$5)   | US-PGPUB;<br>USPAT; USOCR           | ADJ | ON | 2009/07/27<br>10:19 |
| S22 | 39  | S20 and foam   | US-PGPUB;<br>USPAT; USOCR           | ADJ | ON | 2009/07/27<br>11:25 |
| S23 | 0   | S20 and ((cushion or pad) with segment)  | US-PGPUB;<br>USPAT; USOCR           | ADJ | ON | 2009/07/27<br>11:31 |
| S24 | 1   | \$20 and ((cushion or pad) with divid\$5)  | US-PGPUB;<br>USPAT; USOCR           | ADJ | ON | 2009/07/27<br>11:31 |
| S25 | 110 | ., 6   | US-PGPUB;<br>USOCR; EPO;<br>DERWENT | ADJ | 2  | 2009/08/12 18:54    |

| 6494206-\$).did. or (US 6427694-\$ or US-6397847- \$ or US-6098205-\$ or US- 6035852-\$ or US-5996581- \$ or US-5990732-\$ or US- 5884624-\$ or US-5794617- \$ or US-5738094-\$ or US- 5662101-\$ or US-5649532- \$ or US-5647357-\$ or US- 5617849-\$ or US-5560354- \$ or US-5454369-\$ or US- 5429683-\$ or US-5560354- \$ or US-4951664-\$ or US- 4875477-\$ or US-4764990- \$ or US-4454881-\$ or US- 4319567-\$ or US-4296746- \$ or US-4222378-\$ or US- 4069516-\$ or US-7174893- \$ or US-6817362-\$).did. or (US-6691707-\$ or US- 6588424-\$ or US-6581601- \$ or US-6532961-\$ or US- 6467483-\$ or US-4653124- \$ or US-7007690-\$).did. or (US-3545436-\$ or US- 3521630-\$ or US-2465973- \$ or US-1925764-\$).did. or (EP-1099452-\$).did. or (EP-1099452-\$).did. |
|--|
| 7523754-\$ or US-7243651-<br>\$ or US-7207334-\$ or US-<br>7086400-\$ or US-7069933-<br>\$ or US-7021311-\$ or US-<br>7007696-\$ or US-6895965-<br>\$ or US-6886564-\$ or US-<br>6871649-\$ or US-6851429-<br>\$ or US-6796308-\$ or US-<br>6758212-\$ or US-6701927-<br>\$ or US-6679260-\$ or US-<br>6651661-\$ or US-6634358-<br>\$ or US-6513526-\$ or US-   |

| S27 | 8   | (pad or cushion) and<br>(forehead with soft\$5)<br>and ((cheeck orlip or<br>nose) with hard\$5)  | US-PGPUB;<br>USPAT; USOCR                     | ADJ | ON | 2009/08/12<br>18:57 |
|-----|-----|--|---|-----|----|---------------------|
| S28 | 8   | (mask) and (forehead<br>with soft\$5) and ((cheeck<br>or lip or nose) with hard<br>\$5)  | US-PGPUB;<br>USPAT; USOCR                     | ADJ | ON | 2009/08/12<br>19:00 |
| S29 | 12  | ("2004/0112387").URPN.   | USPAT   | ADJ | ON | 2009/08/12<br>19:07 |
| S30 | 111 | (US-20080072908-\$ or US-20070157934-\$ or US-20060260614-\$ or US-20050211252-\$ or US-20040255949-\$ or US-20040045550-\$ or US-20040045550-\$ or US-20060191538-\$ or US-20060190538-\$ or US-20070261697-\$ or US-20070261697-\$ or US-20060201515-\$ or US-20060076018-\$ or US-20050022818-\$ or US-20040045551-\$ or US-20040045551-\$ or US-20030172932-\$ or US-20030172932-\$ or US-20030019496-\$ or US-20030019496-\$ or US-20030019496-\$ or US-20020104540-\$ or US-2002005200-\$ or US-2002005200-\$ or US-2002005198-\$ or US-20020005200-\$ or US-20020005200-\$ or US-20020005200-\$ or US-20030116160-\$ or US-200300114231-\$ or US-20040099272-\$ or US-20040099272-\$ or US-20040065328-\$ or US-20030034034-\$ or US-2003 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>DERWENT | ADJ |    | 2009/08/13          |

| S33 3  | S30 and (divide or  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/08/13          |
|--------|---|---------------------------|-----|----|---------------------|
| S32 39 | S30 and foam\$5   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/08/13<br>09:35 |
| S31 39 | S30 and foam  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/08/13<br>09:35 |
|        | (US-D572816-\$ or US-7320323-\$ or US-7216647-\$ or US-7100610-\$ or US-7000614-\$ or US-6712072-\$ or US-7054680-\$ or US-7523754-\$ or US-7243651-\$ or US-7207334-\$ or US-7086400-\$ or US-7086400-\$ or US-7086400-\$ or US-7086400-\$ or US-6895965-\$ or US-6886564-\$ or US-6871649-\$ or US-6796308-\$ or US-6796308-\$ or US-6651661-\$ or US-6634358-\$ or US-6679260-\$ or US-6651661-\$ or US-6634358-\$ or US-6513526-\$ or US-6494206-\$).did. or (US-6427694-\$ or US-6397847-\$ or US-6098205-\$ or US-6035852-\$ or US-5996581-\$ or US-5909732-\$ or US-5884624-\$ or US-5794617-\$ or US-5738094-\$ or US-5662101-\$ or US-5649532-\$ or US-5647357-\$ or US-5662101-\$ or US-5649532-\$ or US-5647357-\$ or US-5662101-\$ or US-5560354-\$ or US-5429683-\$ or US-55003633-\$ or US-4951664-\$ or US-4454881-\$ or US-4319567-\$ or US-4764990-\$ or US-4454881-\$ or US-46691707-\$ or US-6691707-\$ or US-6588424-\$ or US-6581601-\$ or US-6691707-\$ or US-6588424-\$ or US-6581601-\$ or US-6691707-\$ or US-6588424-\$ or US-6581601-\$ or US-6532961-\$ or US-6467483-\$ or US-6581601-\$ or US-6691707-\$ or US-658124-\$ or US-6532961-\$ or US-6467483-\$ or US-453124-\$ or US-6532961-\$ or US-6467483-\$ or US-6581601-\$ or US-65973-\$ or US-6467483-\$ or US-6581601-\$ or US-65973-\$ or US-6467483-\$ or US-6581601-\$ or US-2465973-\$ or US-91925764-\$).did. or (EP-1099452-\$).did. or (EP-1099452-\$).did. or (EP-1099452-\$).did. or (EP-1099452-\$).did. or (EP-1099452-\$).did. or (EP-1099452-\$).did. |                           |     |    |                     |

| S34 | 38 | (mask or cushion or pad)<br>and ((forehead with soft<br>\$5) with (cheeck or lip or<br>nose)) | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/08/13<br>10:26 |
|-----|----|---|---------------------------|-----|-----|---------------------|
| S35 | 21 |   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2009/08/13<br>10:41 |
| S36 | 1  | ("20090178679").PN.   | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2009/08/13<br>10:54 |

## 5/20/2010 11:48:38 AM

C:\ Documents and Settings\ vhicks\ My Documents\ EAST\ Workspaces\ 10517342.wsp